GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: August 28, 2003, 18:34:33 ; Search time 15.1515 Seconds
(without alignments)
90.276 Million cell updates/sec

Title: US-09-743-225-7
Perfect score: 55
Sequence: 1 CATLRVYKGG 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 510680 seqs, 136781880 residues

Total number of hits satisfying chosen parameters: 510680

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA:*
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2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	36	65.5	343	9	US-09-802-853-4	Sequence 4, Appli
2	36	65.5	343	15	US-10-307-385-4	Sequence 4, Appli
3	35	63.6	193	11	US-09-951-030-2	Sequence 2, Appli
4	35	63.6	310	8	US-08-964-716-42	Sequence 42, Appl
5	34	61.8	55	9	US-09-864-761-43890	Sequence 43890, A
6	34	61.8	55	9	US-09-864-761-47342	Sequence 47342, A
7	34	61.8	345	11	US-09-992-600A-106	Sequence 106, App
8	34	61.8	345	11	US-09-924-340-106	Sequence 106, App
9	34	61.8	345	12	US-09-992-095B-106	Sequence 106, App
10	34	61.8	345	15	US-10-000-489-106	Sequence 106, App
11	34	61.8	345	15	US-10-000-986-106	Sequence 106, App
12	34	61.8	422	12	US-10-017-161-2400	Sequence 2400, Ap
13	34	61.8	449	10	US-09-736-371B-21	Sequence 21, Appl
14	34	61.8	493	15	US-10-156-761-12011	Sequence 12011, A
15	33	60.0	32	9	US-09-864-761-41339	Sequence 41339, A
16	33	60.0	110	15	US-10-156-761-11840	Sequence 11840, A
17	33	60.0	249	11	US-09-880-748-946	Sequence 946, App
18	33	60.0	293	15	US-10-156-761-11053	Sequence 11053, A
19	33	60.0	342	9	US-09-815-242-12104	Sequence 12104, A
20	33	60.0	1238	9	US-09-904-065-2	Sequence 2, Appli
21	33	60.0	1238	9	US-09-904-065-14	Sequence 14, Appl
22	33	60.0	1240	9	US-09-904-065-4	Sequence 4, Appli
23	33	60.0	1240	9	US-09-904-065-15	Sequence 15, Appl
24	33	60.0	1536	15	US-10-043-487-344	Sequence 344, App
25	32	58.2	85	11	US-09-764-891-3128	Sequence 3128, Ap
26	32	58.2	113	11	US-09-899-046-208	Sequence 208, App
27	32	58.2	113	11	US-09-878-281-208	Sequence 208, App
28	32	58.2	119	15	US-10-101-464A-571	Sequence 571, App
29	32	58.2	123	10	US-09-816-248-2	Sequence 2, Appli
30	32	58.2	123	10	US-09-816-248-4	Sequence 4, Appli
31	32	58.2	192	15	US-10-252-819-15	Sequence 15, Appl
32	32	58.2	273	15	US-10-156-761-8512	Sequence 8512, Ap
33	32	58.2	386	10	US-09-839-497A-5	Sequence 5, Appli
34	32	58.2	914	15	US-10-128-714-8257	Sequence 8257, Ap
35	31	56.4	62	11	US-09-764-891-3592	Sequence 3592, Ap
36	31	56.4	119	10	US-09-736-371B-17	Sequence 17, Appl
37	31	56.4	119	14	US-10-060-714-17	Sequence 17, Appl
38	31	56.4	331	9	US-09-854-122-17	Sequence 17, Appl
39	31	56.4	373	9	US-09-796-487-5	Sequence 5, Appli
40	31	56.4	381	9	US-09-796-487-1	Sequence 1, Appli
41	31	56.4	381	9	US-09-796-487-4	Sequence 4, Appli
42	31	56.4	382	9	US-09-784-810A-4	Sequence 4, Appli
43	31	56.4	382	9	US-09-970-516-6	Sequence 6, Appli
44	31	56.4	388	9	US-09-817-676A-15	Sequence 15, Appl
45	31	56.4	388	9	US-09-796-487-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-09-802-853-4
; Sequence 4, Application US/09802853
; Patent No. US20010034049A1
; GENERAL INFORMATION:
; APPLICANT: SUGIYAMA, MASAKAZU
; APPLICANT: TONOUCHI, NAOTO
; APPLICANT: SUZUKI, SHUNICHI
; APPLICANT: YOKOZEKI, KENZO
; TITLE OF INVENTION: XYLITOL DEHYDROGENASE OF ACETIC ACID BACTERIA AND GENE THEREOF
; FILE REFERENCE: 0010-1024-0
; CURRENT APPLICATION NUMBER: US/09/802,853
; CURRENT FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: 09/363,189
; PRIOR FILING DATE: 1999-07-29
; PRIOR APPLICATION NUMBER: JP10-216047
; PRIOR FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 343
; TYPE: PRT
; ORGANISM: Gluconobacter oxydans
US-09-802-853-4

Query Match 65.5%; Score 36; DB 9; Length 343;
Best Local Similarity 77.8%; Pred. No. 39;
Matches 7; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy          1 CATLRVYKG 9
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Db        153 CAGLTVYKG 161
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RESULT 2
US-10-307-385-4
; Sequence 4, Application US/10307385
; Publication No. US20030077797A1

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; GENERAL INFORMATION:
;  APPLICANT: SUGIYAMA, MASAKAZU
;  APPLICANT:  TONOUCHI, NAOTO
;  APPLICANT:  SUZUKI, SHUNICHI
;  APPLICANT:  YOKOZEKI, KENZO
;  TITLE OF INVENTION: XYLITOL DEHYDROGENASE OF ACETIC ACID BACTERIA AND GENE THEREOF
;  FILE REFERENCE: 0010-1024-0
;  CURRENT APPLICATION NUMBER: US/10/307,385
;  CURRENT FILING DATE:  2002-12-02
;  PRIOR APPLICATION NUMBER: US/09/363,189
;  PRIOR FILING DATE: 1999-07-26
;  PRIOR APPLICATION NUMBER: JP10-216047
;  PRIOR FILING DATE: 1998-07-30
;  NUMBER OF SEQ ID NOS: 16
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
;   LENGTH: 343
;   TYPE: PRT
;   ORGANISM: Gluconobacter oxydans
US-10-307-385-4

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  Best Local Similarity  77.8%;  Pred. No. 39;
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Qy          1 CATLRVYKG 9
              || | ||||
Db        153 CAGLTVYKG 161


RESULT 3
US-09-951-030-2
; Sequence 2, Application US/09951030
; Publication No. US20030049258A1
; GENERAL INFORMATION:
;  APPLICANT: Ungerer, Dr. Martin
;  TITLE OF INVENTION: Method of increasing the contractility of a heart, a heart muscle
;  TITLE OF INVENTION:  cells of a heart muscle
;  FILE REFERENCE: 9286.5
;  CURRENT APPLICATION NUMBER: US/09/951,030
;  CURRENT FILING DATE:  2001-09-11
;  NUMBER OF SEQ ID NOS: 2
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
;   LENGTH: 193
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-951-030-2

  Query Match            63.6%;  Score 35;  DB 11;  Length 193;
  Best Local Similarity  87.5%;  Pred. No. 33;
  Matches    7;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          3 TLRVYKGG 10
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Db        136 TLLVYKGG 143


RESULT 4
US-08-964-716-42
; Sequence 42, Application US/08964716
; Publication No. US20030049243A1
;  GENERAL INFORMATION:
;    APPLICANT:  Liu, Chi-Li
;    APPLICANT:  Adams, Lee F.
;    APPLICANT:  Lufburrow, Patricia A.
;    APPLICANT:  Thomas, Michael D.
;    TITLE OF INVENTION:  NOVEL BACILLUS THURINGIENSIS STRAINS
;    TITLE OF INVENTION:  ACTIVE AGAINST LEPIDOPTERAN AND COLEOPTERAN PESTS
;    NUMBER OF SEQUENCES:  45
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  No. US20030049243A1lo No. US20030049243A1disk of No. US20030049243A1th
;      STREET:  405 Lexington Avenue, 64th Floor
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10174-6401
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Tape
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/964,716
;      FILING DATE:
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/337,358
;      FILING DATE:
;      APPLICATION NUMBER:  US 08/264,100
;      FILING DATE:  22-JUN-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/194,651
;      FILING DATE:  09-FEB-1994
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 08/166,391
;      FILING DATE:  13-DEC-1993
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US 07/991,073
;      FILING DATE:  15-DEC-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Agris Dr., Cheryl H.
;      REGISTRATION NUMBER:  34,086
;      REFERENCE/DOCKET NUMBER:  3778.230-US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  212-867-0123
;      TELEFAX:  212-878-9655
;  INFORMATION FOR SEQ ID NO:  42:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  310 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
US-08-964-716-42

  Query Match            63.6%;  Score 35;  DB 8;  Length 310;
  Best Local Similarity  75.0%;  Pred. No. 55;
  Matches    6;  Conservative    2;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 ATLRVYKG 9
              |||::|||
Db        169 ATLQIYKG 176


RESULT 5
US-09-864-761-43890
; Sequence 43890, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
;  APPLICANT: Penn, Sharron G.
;  APPLICANT:  Rank, David R.
;  APPLICANT:  Hanzel, David K.
;  APPLICANT:  Chen, Wensheng
;  TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
;  TITLE OF INVENTION:  GENE EXPRESSION ANALYSIS BY MICROARRAY
;  FILE REFERENCE: Aeomica-X-1
;  CURRENT APPLICATION NUMBER: US/09/864,761
;  CURRENT FILING DATE:  2001-05-23
;  PRIOR APPLICATION NUMBER: US 60/180,312
;  PRIOR FILING DATE: 2000-02-04
;  PRIOR APPLICATION NUMBER: US 60/207,456
;  PRIOR FILING DATE: 2000-05-26
;  PRIOR APPLICATION NUMBER: US 09/632,366
;  PRIOR FILING DATE: 2000-08-03
;  PRIOR APPLICATION NUMBER: GB 24263.6
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;  PRIOR FILING DATE: 2000-10-04
;  PRIOR APPLICATION NUMBER: US 60/236,359
;  PRIOR FILING DATE: 2000-09-27
;  PRIOR APPLICATION NUMBER: PCT/US01/00666
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00667
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00664
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00669
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00665
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00668
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00663
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00662
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00661
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00670
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: US 60/234,687
;  PRIOR FILING DATE: 2000-09-21
;  PRIOR APPLICATION NUMBER: US 09/608,408
;  PRIOR FILING DATE: 2000-06-30
;  PRIOR APPLICATION NUMBER: US 09/774,203
;  PRIOR FILING DATE: 2001-01-29
;  NUMBER OF SEQ ID NOS: 49117
;  SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 43890
;   LENGTH: 55
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   OTHER INFORMATION: MAP TO AC002543.1
;   OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.95
;   OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
;   OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.3
;   OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1
;   OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.93
;   OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.1
;   OTHER INFORMATION: EST_HUMAN HIT: AL079360.1, EVALUE 1.00e-07
;   OTHER INFORMATION: SWISSPROT HIT: P32462, EVALUE 5.30e-01
US-09-864-761-43890

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Db         41 CPTLKIYK 48


RESULT 6
US-09-864-761-47342
; Sequence 47342, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
;  APPLICANT: Penn, Sharron G.
;  APPLICANT:  Rank, David R.
;  APPLICANT:  Hanzel, David K.
;  APPLICANT:  Chen, Wensheng
;  TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
;  TITLE OF INVENTION:  GENE EXPRESSION ANALYSIS BY MICROARRAY
;  FILE REFERENCE: Aeomica-X-1
;  CURRENT APPLICATION NUMBER: US/09/864,761
;  CURRENT FILING DATE:  2001-05-23
;  PRIOR APPLICATION NUMBER: US 60/180,312
;  PRIOR FILING DATE: 2000-02-04
;  PRIOR APPLICATION NUMBER: US 60/207,456
;  PRIOR FILING DATE: 2000-05-26
;  PRIOR APPLICATION NUMBER: US 09/632,366
;  PRIOR FILING DATE: 2000-08-03
;  PRIOR APPLICATION NUMBER: GB 24263.6
;  PRIOR FILING DATE: 2000-10-04
;  PRIOR APPLICATION NUMBER: US 60/236,359
;  PRIOR FILING DATE: 2000-09-27
;  PRIOR APPLICATION NUMBER: PCT/US01/00666
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00667
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00664
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00669
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00665
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00668
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00663
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00662
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00661
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00670
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: US 60/234,687
;  PRIOR FILING DATE: 2000-09-21
;  PRIOR APPLICATION NUMBER: US 09/608,408
;  PRIOR FILING DATE: 2000-06-30
;  PRIOR APPLICATION NUMBER: US 09/774,203
;  PRIOR FILING DATE: 2001-01-29
;  NUMBER OF SEQ ID NOS: 49117
;  SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 47342
;   LENGTH: 55
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   OTHER INFORMATION: MAP TO AC002543.1
;   OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.63
;   OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.77
;   OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.47
;   OTHER INFORMATION: EST_HUMAN HIT: AL079360.1, EVALUE 1.00e-07
;   OTHER INFORMATION: SWISSPROT HIT: P32462, EVALUE 5.30e-01
US-09-864-761-47342

  Query Match             61.8%;  Score 34;  DB 9;  Length 55;
  Best Local Similarity   62.5%;  Pred. No. 14;
  Matches    5;  Conservative    2;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          1 CATLRVYK 8
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Db         41 CPTLKIYK 48


RESULT 7
US-09-992-600A-106
; Sequence 106, Application US/09992600A
; Publication No. US20030027161A1
; GENERAL INFORMATION:
;  APPLICANT: Benjanin, Stephane
;  APPLICANT:  Tanaka, Hiroaki
;  TITLE OF INVENTION: HUMAN CDNAS AND PROTEINS AND USES THEREOF
;  FILE REFERENCE: 91.US4.DIV
;  CURRENT APPLICATION NUMBER: US/09/992,600A
;  CURRENT FILING DATE:  2001-11-13
;  PRIOR APPLICATION NUMBER: US 09/924,340
;  PRIOR FILING DATE: 2001-08-06
;  PRIOR APPLICATION NUMBER: PCT/IB01/01715
;  PRIOR FILING DATE: 2001-08-06
;  PRIOR APPLICATION NUMBER: US 60/305,456
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;  PRIOR FILING DATE: 2001-07-13
;  PRIOR APPLICATION NUMBER: US 60/302,277
;  PRIOR FILING DATE: 2001-06-29
;  PRIOR APPLICATION NUMBER: US 60/298,698
;  PRIOR FILING DATE: 2001-06-15
;  PRIOR APPLICATION NUMBER: US 60/293,574
;  PRIOR FILING DATE: 2001-05-25
;  NUMBER OF SEQ ID NOS: 114
;  SOFTWARE: JPatent
; SEQ ID NO 106
;   LENGTH: 345
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SIGNAL
;   LOCATION: 1..19
US-09-992-600A-106

  Query Match             61.8%;  Score 34;  DB 11;  Length 345;
  Best Local Similarity   100.0%;  Pred. No. 98;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 ATLRVYK 8
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Db        151 ATLRVYK 157


RESULT 8
US-09-924-340-106
; Sequence 106, Application US/09924340
; Publication No. US20030027248A1
; GENERAL INFORMATION:
;  APPLICANT: Bejanin, Stephane
;  APPLICANT:  Tanaka, Hiroaki
;  TITLE OF INVENTION: HUMAN CDNAS AND PROTEINS AND USES THEREOF
;  FILE REFERENCE: 91.US2.REG
;  CURRENT APPLICATION NUMBER: US/09/924,340
;  CURRENT FILING DATE:  2001-08-06
;  PRIOR APPLICATION NUMBER: US 60/305,456
;  PRIOR FILING DATE: 2001-07-13
;  PRIOR APPLICATION NUMBER: US 60/302,277
;  PRIOR FILING DATE: 2001-06-29
;  PRIOR APPLICATION NUMBER: US 60/298,698
;  PRIOR FILING DATE: 2001-06-15
;  PRIOR APPLICATION NUMBER: US 60/293,574
;  PRIOR FILING DATE: 2001-05-25
;  NUMBER OF SEQ ID NOS: 112
;  SOFTWARE: JPatent
; SEQ ID NO 106
;   LENGTH: 345
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SIGNAL
;   LOCATION: 1..19
US-09-924-340-106

  Query Match             61.8%;  Score 34;  DB 11;  Length 345;
  Best Local Similarity   100.0%;  Pred. No. 98;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 ATLRVYK 8
              |||||||
Db        151 ATLRVYK 157


RESULT 9
US-09-992-095B-106
; Sequence 106, Application US/09992095B
; Publication No. US20030157485A1
; GENERAL INFORMATION:
;  APPLICANT: Benjanin, Stephane
;  APPLICANT:  Tanaka, Hiroaki
;  TITLE OF INVENTION: HUMAN CDNAS AND PROTEINS AND USES THEREOF
;  FILE REFERENCE: 91.US5.DIV
;  CURRENT APPLICATION NUMBER: US/09/992,095B
;  CURRENT FILING DATE:  2003-02-20
;  PRIOR APPLICATION NUMBER: US 09/924,340
;  PRIOR FILING DATE: 2001-08-06
;  PRIOR APPLICATION NUMBER: PCT/IB01/01715
;  PRIOR FILING DATE: 2001-08-06
;  PRIOR APPLICATION NUMBER: US 60/305,456
;  PRIOR FILING DATE: 2001-07-13
;  PRIOR APPLICATION NUMBER: US 60/302,277
;  PRIOR FILING DATE: 2001-06-29
;  PRIOR APPLICATION NUMBER: US 60/298,698
;  PRIOR FILING DATE: 2001-06-15
;  PRIOR APPLICATION NUMBER: US 60/293,574
;  PRIOR FILING DATE: 2001-05-25
;  NUMBER OF SEQ ID NOS: 112
;  SOFTWARE: JPatent
; SEQ ID NO 106
;   LENGTH: 345
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SIGNAL
;   LOCATION: 1..19
US-09-992-095B-106

  Query Match             61.8%;  Score 34;  DB 12;  Length 345;
  Best Local Similarity   100.0%;  Pred. No. 98;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 ATLRVYK 8
              |||||||
Db        151 ATLRVYK 157


RESULT 10
US-10-000-489-106
; Sequence 106, Application US/10000489
; Publication No. US20030092011A1
; GENERAL INFORMATION:
;  APPLICANT: Benjanin, Stephane
;  APPLICANT:  Tanaka, Hiroaki
;  TITLE OF INVENTION: HUMAN CDNAS AND PROTEINS AND USES THEREOF
;  FILE REFERENCE: 91.US6.DIV
;  CURRENT APPLICATION NUMBER: US/10/000,489
;  CURRENT FILING DATE:  2001-11-14
;  PRIOR APPLICATION NUMBER: US 09/924,340
;  PRIOR FILING DATE: 2001-08-06
;  PRIOR APPLICATION NUMBER: PCT/IB01/01715
;  PRIOR FILING DATE: 2001-08-06
;  PRIOR APPLICATION NUMBER: US 60/305,456
;  PRIOR FILING DATE: 2001-07-13
;  PRIOR APPLICATION NUMBER: US 60/302,277
;  PRIOR FILING DATE: 2001-06-29
;  PRIOR APPLICATION NUMBER: US 60/298,698
;  PRIOR FILING DATE: 2001-06-15
;  PRIOR APPLICATION NUMBER: US 60/293,574
;  PRIOR FILING DATE: 2001-05-25
;  NUMBER OF SEQ ID NOS: 112
;  SOFTWARE: JPatent
; SEQ ID NO 106
;   LENGTH: 345
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SIGNAL
;   LOCATION: 1..19
US-10-000-489-106

  Query Match             61.8%;  Score 34;  DB 15;  Length 345;
  Best Local Similarity   100.0%;  Pred. No. 98;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
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Qy          2 ATLRVYK 8
              |||||||
Db        151 ATLRVYK 157


RESULT 11
US-10-000-986-106
; Sequence 106, Application US/10000986
; Publication No. US20030096247A1
; GENERAL INFORMATION:
;  APPLICANT: Benjanin, Stephane
;  APPLICANT:  Tanaka, Hiroaki
;  TITLE OF INVENTION: HUMAN CDNAS AND PROTEINS AND USES THEREOF
;  FILE REFERENCE: 91.US9.DIV
;  CURRENT APPLICATION NUMBER: US/10/000,986
;  CURRENT FILING DATE:  2001-11-14
;  PRIOR APPLICATION NUMBER: US 09/924,340
;  PRIOR FILING DATE: 2001-08-06
;  PRIOR APPLICATION NUMBER: PCT/IB01/01715
;  PRIOR FILING DATE: 2001-08-06
;  PRIOR APPLICATION NUMBER: US 60/305,456
;  PRIOR FILING DATE: 2001-07-13
;  PRIOR APPLICATION NUMBER: US 60/302,277
;  PRIOR FILING DATE: 2001-06-29
;  PRIOR APPLICATION NUMBER: US 60/298,698
;  PRIOR FILING DATE: 2001-06-15
;  PRIOR APPLICATION NUMBER: US 60/293,574
;  PRIOR FILING DATE: 2001-05-25
;  NUMBER OF SEQ ID NOS: 112
;  SOFTWARE: JPatent
; SEQ ID NO 106
;   LENGTH: 345
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: SIGNAL
;   LOCATION: 1..19
US-10-000-986-106

  Query Match             61.8%;  Score 34;  DB 15;  Length 345;
  Best Local Similarity   100.0%;  Pred. No. 98;
  Matches    7;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 ATLRVYK 8
              |||||||
Db        151 ATLRVYK 157


RESULT 12
US-10-017-161-2400
; Sequence 2400, Application US/10017161
; Publication No. US20030143668A1
; GENERAL INFORMATION:
;  APPLICANT: SUWA, MAKIKO
;  APPLICANT:  ASAI, KIYOSHI
;  APPLICANT:  AKIYAMA, YUTAKA
;  APPLICANT:  ABURATANI, HIROYUKI
;  TITLE OF INVENTION: NOVEL G PROTEIN-COUPLED RECEPTORS
;  FILE REFERENCE: 084335/0152
;  CURRENT APPLICATION NUMBER: US/10/017,161
;  CURRENT FILING DATE:  2002-12-18
;  PRIOR APPLICATION NUMBER: JP 2001/246789
;  PRIOR FILING DATE: 2001-06-18
;  NUMBER OF SEQ ID NOS: 2430
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2400
;   LENGTH: 422
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: MOD_RES
;   LOCATION: (17)
;   OTHER INFORMATION: Variable amino acid
;   FEATURE:
;   NAME/KEY: MOD_RES
;   LOCATION: (25)
;   OTHER INFORMATION: Variable amino acid
;   FEATURE:
;   NAME/KEY: MOD_RES
;   LOCATION: (187)
;   OTHER INFORMATION: Variable amino acid
;   FEATURE:
;   NAME/KEY: MOD_RES
;   LOCATION: (239)
;   OTHER INFORMATION: Variable amino acid
;   FEATURE:
;   NAME/KEY: MOD_RES
;   LOCATION: (375)
;   OTHER INFORMATION: Variable amino acid
;   FEATURE:
;   NAME/KEY: MOD_RES
;   LOCATION: (396)
;   OTHER INFORMATION: Variable amino acid
;   FEATURE:
;   NAME/KEY: MOD_RES
;   LOCATION: (405)
;   OTHER INFORMATION: Variable amino acid
US-10-017-161-2400

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  Best Local Similarity   50.0%;  Pred. No. 1.2e+02;
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Qy          1 CATLRVYKGG 10
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Db        259 CAARRLFRGG 268


RESULT 13
US-09-736-371B-21
; Sequence 21, Application US/09736371B
; Patent No. US20020131968A1
; GENERAL INFORMATION:
;  APPLICANT: Waldmann, Herman
;  APPLICANT:  Frewin, Mark
;  TITLE OF INVENTION: AGLYCOSYLATED ANTIBODIES
;  FILE REFERENCE: Waldmann
;  CURRENT APPLICATION NUMBER: US/09/736,371B
;  CURRENT FILING DATE:  2002-04-25
;  PRIOR APPLICATION NUMBER: 9815909.8
;  PRIOR FILING DATE: 1998-07-21
;  PRIOR APPLICATION NUMBER: PCT/GB99/02380
;  PRIOR FILING DATE: 1999-07-21
;  NUMBER OF SEQ ID NOS: 30
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
;   LENGTH: 449
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-736-371B-21

  Query Match             61.8%;  Score 34;  DB 10;  Length 449;
  Best Local Similarity   60.0%;  Pred. No. 1.3e+02;
  Matches    6;  Conservative    0;  Mismatches    4;  Indels    0;  Gaps    0;

Qy          1 CATLRVYKGG 10
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Db         96 CAKFRQYSGG 105


RESULT 14
US-10-156-761-12011
; Sequence 12011, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
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;  APPLICANT: OMURA, SATOSHI
;  APPLICANT:  IKEDA, HARUO
;  APPLICANT:  ISHIKAWA, JUN
;  APPLICANT:  HORIKAWA, HIROSHI
;  APPLICANT:  SHIBA, TADAYOSHI
;  APPLICANT:  SAKAKI, YOSHIYUKI
;  APPLICANT:  HATTORI, MASAHIRA
;  TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
;  FILE REFERENCE: 249-262
;  CURRENT APPLICATION NUMBER: US/10/156,761
;  CURRENT FILING DATE:  2002-05-29
;  PRIOR APPLICATION NUMBER: JP 2001-204089
;  PRIOR FILING DATE: 2001-05-30
;  PRIOR APPLICATION NUMBER: JP 2001-272697
;  PRIOR FILING DATE: 2001-08-02
;  NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 12011
;   LENGTH: 493
;   TYPE: PRT
;   ORGANISM: Streptomyces avermitilis
US-10-156-761-12011

  Query Match             61.8%;  Score 34;  DB 15;  Length 493;
  Best Local Similarity   66.7%;  Pred. No. 1.4e+02;
  Matches    6;  Conservative    2;  Mismatches    1;  Indels    0;  Gaps    0;

Qy          2 ATLRVYKGG 10
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Db        190 STIYVYKGG 198


RESULT 15
US-09-864-761-41339
; Sequence 41339, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
;  APPLICANT: Penn, Sharron G.
;  APPLICANT:  Rank, David R.
;  APPLICANT:  Hanzel, David K.
;  APPLICANT:  Chen, Wensheng
;  TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
;  TITLE OF INVENTION:  GENE EXPRESSION ANALYSIS BY MICROARRAY
;  FILE REFERENCE: Aeomica-X-1
;  CURRENT APPLICATION NUMBER: US/09/864,761
;  CURRENT FILING DATE:  2001-05-23
;  PRIOR APPLICATION NUMBER: US 60/180,312
;  PRIOR FILING DATE: 2000-02-04
;  PRIOR APPLICATION NUMBER: US 60/207,456
;  PRIOR FILING DATE: 2000-05-26
;  PRIOR APPLICATION NUMBER: US 09/632,366
;  PRIOR FILING DATE: 2000-08-03
;  PRIOR APPLICATION NUMBER: GB 24263.6
;  PRIOR FILING DATE: 2000-10-04
;  PRIOR APPLICATION NUMBER: US 60/236,359
;  PRIOR FILING DATE: 2000-09-27
;  PRIOR APPLICATION NUMBER: PCT/US01/00666
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00667
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00664
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00669
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00665
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00668
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00663
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00662
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00661
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: PCT/US01/00670
;  PRIOR FILING DATE: 2001-01-30
;  PRIOR APPLICATION NUMBER: US 60/234,687
;  PRIOR FILING DATE: 2000-09-21
;  PRIOR APPLICATION NUMBER: US 09/608,408
;  PRIOR FILING DATE: 2000-06-30
;  PRIOR APPLICATION NUMBER: US 09/774,203
;  PRIOR FILING DATE: 2001-01-29
;  NUMBER OF SEQ ID NOS: 49117
;  SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 41339
;   LENGTH: 32
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   FEATURE:
;   OTHER INFORMATION: MAP TO AC025539.2
;   OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.6
;   OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.9
;   OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.8
;   OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3
;   OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.7
;   OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.5
;   OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.3
US-09-864-761-41339

  Query Match             60.0%;  Score 33;  DB 9;  Length 32;
  Best Local Similarity   50.0%;  Pred. No. 12;
  Matches    5;  Conservative    2;  Mismatches    3;  Indels    0;  Gaps    0;

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Db         12 CGTLATWRGG 21


Search completed: August 28, 2003, 18:42:02
Job time : 16.1515 secs
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